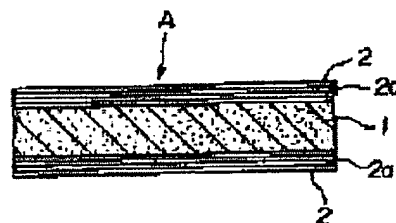


**COMPOSITE MATERIAL FOR CONSTRUCTION****Publication number:** JP6123158**Publication date:** 1994-05-06**Inventor:** SAWAIDE MINORU, IKETANI  
JUNICHI, TAKE TAKAO**Applicant:** SHIMIZU CONSTRUCTION CO  
LTD**Classification:****- international:** *B32B3/12; B32B5/18; E04C2/20;  
E04F13/08; B32B3/12; B32B5/18;  
E04C2/10; E04F13/08; (IPC1-7)  
E04C2/20; B32B3/12; B32B5/18;  
E04F13/08***- European:****Application number:** JP19920274672 19921013**Priority number(s):** JP19920274672 19921013**Report a data error here****Abstract of JP6123158**

**PURPOSE:** To manufacture a lightweight, high-strength composite material for construction while easily achieving the strength that could meet design requirements.

**CONSTITUTION:** A composite material for construction comprises a plateshaped core 1, a fiber sheet 2... stuck to at least one side of the core 1, and resin used for gluing the core 1 and the fiber sheet 2... together and with which the fiber sheet 2... is impregnated. Even if a lightweight, low-strength member is used as the core 1, high strength can be added by the fiber sheet 2... against bending stress. Therefore, the composite

material is used as a lightweight, high-strength building material by using a lightweight core 1.



Data supplied from the **esp@cenet** database - Worldwide